

DECLARATION

As the below-named inventors, we declare that:

Our residences, post office addresses, and citizenships are as stated below under our names.

We believe we are the original, first, and joint inventors of the subject matter claimed and for which a patent is sought on the invention entitled "MULTI-PHASE VOLTAGE CONTROLLED OSCILLATOR (VCO) WITH COMMON MODE CONTROL" in the foregoing specification and claims, which claims the benefit of U.S. Provisional Application No. 60/282,672, filed April 9, 2001.

We have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

We acknowledge our duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56(a).

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of any patent issuing from this patent application.



Ook Kim

Date 11/02/2001

Residence : City of Palo Alto
State of California

Citizenship : Korea

P.O. Address : 1094 Tanland Drive, #105
Palo Alto, California 94303

0909567-112001

Date 11/2/0

State of California

~~Korea~~^{hs.} Taiwan

P.O. Address : 825 E. Evelyn Avenue, #407
Sunnyvale, CA 94086

Q:\Clients\Silicon Image (37179)\8005 (Multi-Phase VCO with Common Mode Control)\Declaration.doc

Date _____

11/2/01

State of California

Korea

19400 Sorenson Avenue, #120
Cupertino, CA 95014

E **F** **G** **H** **I** **J** **K** **L** **M** **N** **O** **P** **Q** **R** **S** **T** **U** **V** **W** **X** **Y** **Z**



Yongman Lee

Date

Nov/15/01

Residence : City of Pleasanton
State of California

Citizenship : Korea

P.O. Address : 3285 Touriga Drive
Pleasanton, CA 94566

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EXPRESS MAIL NO EL669108547US

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kim et al.
Filed : Concurrently Herewith
For : MULTI-PHASE VOLTAGE CONTROLLED OSCILLATOR
(VCO) WITH COMMON MODE CONTROL

Docket No. : 371798005US

Commissioner for Patents
Washington, DC 20231

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73AND POWER OF ATTORNEY

Sir:

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment filed concurrently herewith, a copy of which is enclosed, hereby elects under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

Assignee hereby appoints JERRY A. RIEDINGER, Registration No. 30,582; MAURICE J. PIRIO, Registration No. 33,273; MICHAEL D. BROADDUS, Registration No. 41,637; CATHERINE HONG TRAN, Registration No. 43,960; ROBERT G. WOOLSTON, Registration No. 37,263; PAUL T. PARKER, Registration No. 38,264; JOHN M. WECHKIN, Registration No. 42,216; CHRISTOPHER DALEY-WATSON, Registration No. 34,807; STEVEN D. LAWRENZ, Registration No. 37,376; JAMES A.D. WHITE, Registration No. 43,985; EDWARD S. HOTCHKISS, Registration No. 33,904; JAMES NICKELSON, Registration No. 46,140; STEPHEN E. ARNETT, Registration No. 47,392; MARK A. THOMAS, Registration No. 37,953; BRETON A. BOCCHIERI, Registration No. 31,739; BARBARA B. COURTNEY, Registration No. 42,442; PETER J. DEHLINGER, Registration No. 28,006; LEE ANN GORTHEY,

FOOTNOTES 1-11 355550

Registration No. 37,337; RICHARD L. GREGORY, Registration No.42,607; LINDA R. JUDGE, Registration No. 42,702; MICHAEL MARTENSEN, Registration No. 46,901; JUDY M. MOHR, Registration No. 38,563;and LARRY THROWER, Registration No. 47,994, all of Perkins Coie LLP, Assignee hereby appoints ROBERT G. WOOLSTON of Perkins Coie LLP, as the principal attorney with full power of substitution, association, and revocation to prosecute said application, to transact all business in the Patent and Trademark Office connected therewith, and to receive the letters patent therefor. Please direct all correspondence to Customer Number 25096.

Bar Code:



25096

PATENT TRADEMARK OFFICE

Pursuant to 37 C.F.R. § 3.73, the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the Assignment to Silicon Image filed concurrently herewith for recording, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Silicon Image

Date

11-15-01

Badar Baqai

Executive Vice President, Engineering

CJD:lmh

Enclosure:

Copy of Assignment

ASSIGNMENT

WHEREAS, we, Ook Kim, Hung Sung Li, Inyeol Lee, Gyudong Kim, and Yongman Lee ("ASSIGNORS"), having post office addresses of 1094 Tanland Drive, #105, Palo Alto, CA 94303; 825 E. Evelyn Avenue, #407, Sunnyvale, CA 94086; 19400 Sorenson Avenue, #120, Cupertino, CA 95014; 1012 S. De Anza Blvd., C204, San Jose, CA 95129 and 3285 Touriga Drive, Pleasanton, CA 94566, respectively, are the joint inventors of an invention entitled "MULTI-PHASE VOLTAGE CONTROLLED OSCILLATOR (VCO) WITH COMMON MODE CONTROL," as described and claimed in the specification forming part of an application for United States letters patent executed herewith. This application claims the benefit of U.S. Provisional Application No. 60/282,672 filed April 9, 2001;

WHEREAS, Silicon Image ("ASSIGNEE"), a corporation of the State of Delaware having a place of business at 1060 E. Arques Avenue, Sunnyvale, California 94085, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any patents that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto ASSIGNEE, its legal representatives, successors, and assigns, the entire right, title and interest in and to the invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, or extensions thereof, any other inventions described in the application, and any and all patents of the United States of America and all foreign countries that may be issued for the invention, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from the United States application to which foreign applications are entitled by virtue of international convention, treaty or otherwise, the invention, application and all patents on

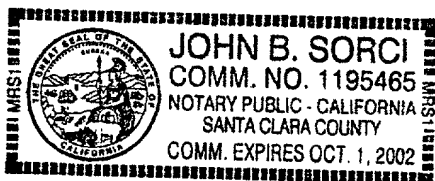
the invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made.

UPON THE ABOVE-STATED CONSIDERATIONS, ASSIGNORS agree to not execute any writing or do any act whatsoever conflicting with this assignment, and at any time upon request, without further or additional consideration but at the expense of ASSIGNEE, execute all instruments and documents and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect ASSIGNEE's enjoyment of this grant, and render all necessary assistance required for the making and prosecution of applications for United States and foreign patents on the invention, for litigation regarding the patents, or for the purpose of protecting title to the invention or patents therefor.

ASSIGNORS authorize and request the Commissioner of Patents and Trademarks to issue any Patent of the United States that may be issued for the invention to ASSIGNEE.

Variable	Mean	SD	Min	Max
Age	34.5	10.2	22	55
Gender	Male	Female		
Marital status	Married	Single		
Education	High school	College		
Occupation	Manager	Worker		
Income	Low	High		
Health status	Good	Poor		
Stress level	Low	High		
Life satisfaction	Low	High		
Depression	Low	High		
Loneliness	Low	High		
Self-esteem	Low	High		
Resilience	Low	High		
Optimism	Low	High		
Gratitude	Low	High		
Forgiveness	Low	High		
Empathy	Low	High		
Compassion	Low	High		
Kindness	Low	High		
Generosity	Low	High		
Patience	Low	High		
Perseverance	Low	High		
Endurance	Low	High		
Stamina	Low	High		
Strength	Low	High		
Power	Low	High		
Influence	Low	High		
Authority	Low	High		
Leadership	Low	High		
Management	Low	High		
Organization	Low	High		
Planning	Low	High		
Decision-making	Low	High		
Problem-solving	Low	High		
Communication	Low	High		
Interpersonal skills	Low	High		
Teamwork	Low	High		
Collaboration	Low	High		
Cooperation	Low	High		
Partnership	Low	High		
Relationship	Low	High		
Connection	Low	High		
Attachment	Low	High		
Bond	Low	High		
Link	Low	High		
Association	Low	High		
Participation	Low	High		
Involvement	Low	High		
Engagement	Low	High		
Commitment	Low	High		
Dedication	Low	High		
Devotion	Low	High		
Loyalty	Low	High		
Fidelity	Low	High		
Trustworthiness	Low	High		
Reliability	Low	High		
Dependability	Low	High		
Accountability	Low	High		
Responsibility	Low	High		
Obligation	Low	High		
Duty	Low	High		
Responsibility	Low	High		
Accountability	Low	High		
Dependability	Low	High		
Reliability	Low	High		
Trustworthiness	Low	High		
Fidelity	Low	High		
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Authority	Low	High		
Influence	Low	High		
Power	Low	High		
Strength	Low	High		
Stamina	Low	High		
Endurance	Low	High		
Perseverance	Low	High		
Patience	Low	High		
Generosity	Low	High		
Kindness	Low	High		
Compassion	Low	High		
Empathy	Low	High		
Forgiveness	Low	High		

Dated 2 Nov 2001
Signature of Notary Public John B. Sorce
Printed Name JOHN B. SORCE
My appointment expires 1 Oct 2002



11/2/01
Date

Hung Sung Li

State of

California

County of

Santa Clara

ss.

I certify that I know or have satisfactory evidence that Hung Sung Li is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated

2 Nov 2001

Signature of
Notary Public

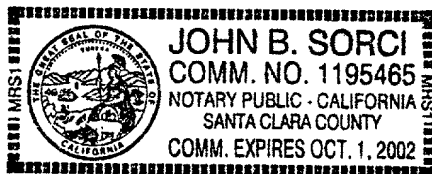
John B. Sorci

Printed Name

JOHN B. SORCI

My appointment expires

1 Oct 2002

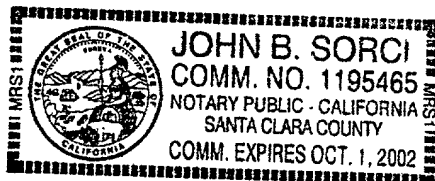


11/2/01
Date
Inyeol Lee

State of California)
County of Santa Clara) ss.

I certify that I know or have satisfactory evidence that Inyeol Lee is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 2 NOV 2001
Signature of Notary Public John B. Sorci
Printed Name JOHN B. SORCI
My appointment expires 1 OCT 2002



Date Nov-2-2001 Gyudong Kim *Gyudong Kim*

State of California)
County of Santa Clara) SS.

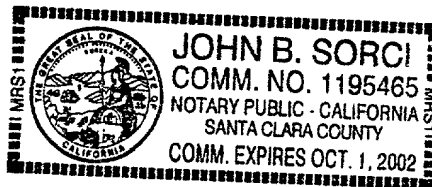
I certify that I know or have satisfactory evidence that Gyudong Kim is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 2 NOV 2001

Signature of Notary Public *John B. Sorci*

Printed Name JOHN B. SORCI

My appointment expires 1 OCT 2002



Nov/15/01 Yongman Lee
Date Yongman Lee
State of California)
County of Santa Clara) ss.

I certify that I know or have satisfactory evidence that Yongman Lee is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 15 Nov - 2001
Signature of Notary Public John B. Sorci
Printed Name JOHN B SORCI
My appointment expires 1 OCT 2002

